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[US/US]; 11187 Huntwicke Place, Cincinnati, OH 45241
(US). QUIRAM, Daniel, Jonathan [US/US]; 6836 Old
Station Drive, West Chester, OH 45069 (US).

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(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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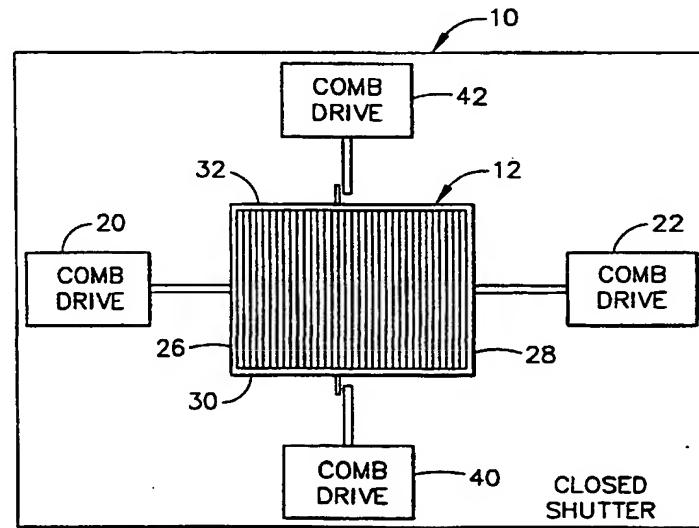
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(71) Applicant (*for all designated States except US*): THE
PROCTER & GAMBLE COMPANY [US/US]; One
Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

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(54) Title: MICROVALVE FOR CONTROLLING FLUID FLOW



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(57) Abstract: A microvalve (10) for controlling fluid flow, including a body portion (14) having a plurality of spaced openings (18) formed therein, a shutter (12) located adjacent to and substantially parallel with the body portion having a plurality of spaced openings (16) formed therein, a drive mechanism (20, 22) for causing the shutter to move laterally with respect to the body portion so that the spaced openings of the shutter are brought into and out of alignment with the spaced openings of the body portion, wherein the microvalve is in an open position and a closed position, respectively, and, a latching mechanism (36, 38, 40, 42) for preventing the shutter from moving laterally with respect to the body portion.



IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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